

LUD 5664 US (10017134)

Claim 13: A method for stimulating expression of STAT 3 transcription factor, comprising contacting a cell capable of said expression with an amount of an IL-TIF/IL-21 sufficient to stimulate said expression.

Claim 14: The method of claim 13, further comprising stimulating at least one additional STAT transcription factor.

Claim 15: The method of claim 13, wherein said IL-TIF/IL-21 is mammalian IL-TIF/IL-21.

Claim 16: The method of claim 15, wherein said mammalian IL-TIF/IL-21 is human IL-TIF/IL-21.

Claim 17: The method of claim 16, wherein said human IL-TIF/IL-21 is encoded by SEQ ID NO: 25 or 26.

Claim 18: The method of claim 13, wherein said cell is a human cell.

Claim 19: The method of claim 13, further comprising inducing production of an acute phase protein, production of which is regulated by STAT 3 transcription factor.

Claim 20: The method of claim 13, wherein said cell is a liver cell. OK

Claim 21: The method of claim 19, wherein said acute phase protein is human serum amyloid A,  $\alpha 1$  chymotrypsin, or haptoglobin. OK

*Murme IL-TIF/IL-21*